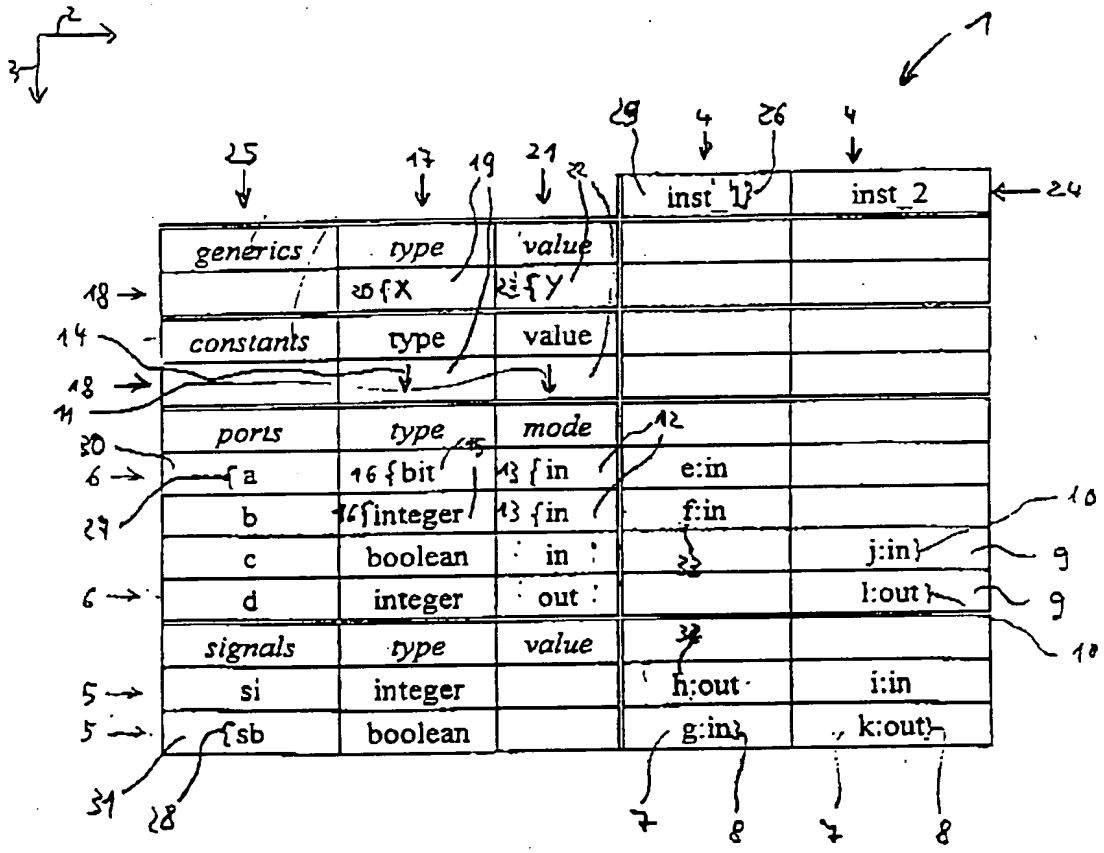
inst_1
inst_2
generics
type
value
constants
type
value
ports
type
mode
a
bit
in
b
integer
in
c
boolean
in
d
integer
out
signals
type
value
si
integer
sb
boolean
e:in
f:in
j:in
l:out
h:out
i:in
g:in
k:out

Fig. 1

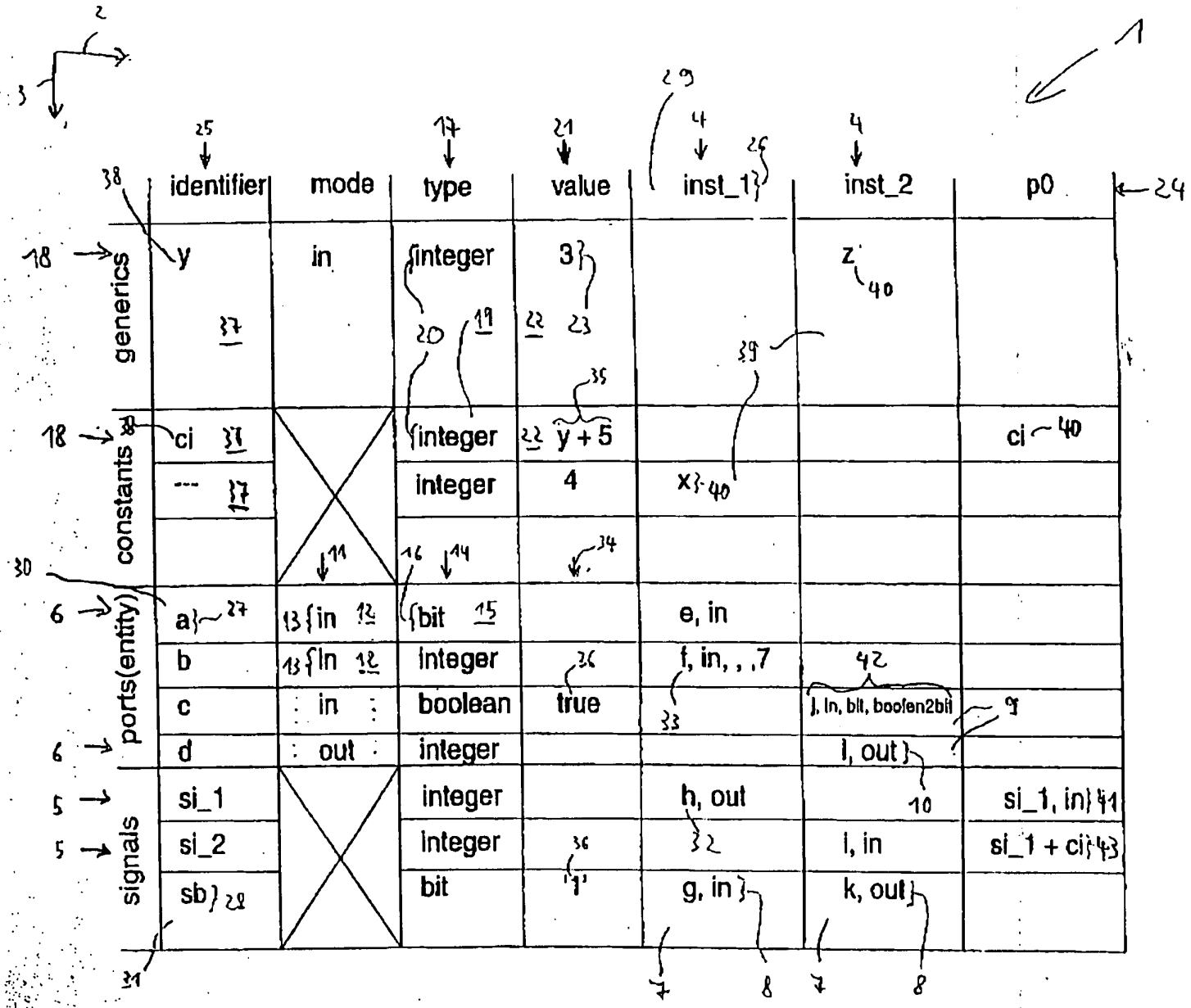
identifier
mode
type
value
inst_1
inst_2
p0
generics
constants
ports(entity)
signals
y
in
integer
3
z
ci
y + 5
integer
4
x
a
in
bit
e, in
b
in
integer
f, in, , , 7
c
in
boolean
true
d
out
integer
l, out
si_1
integer
h, out
si_1, in
si_2
integer
2
i, in
si_1 + ci
sb
bit
'1'
g, in
k, out
boolean2bit

Fig. 2